

## **AMENDMENTS TO THE CLAIMS:**

Amendments to the claims are reflected in the listing of claims which begins on page 4 of this paper.

This listing of claims will replace all prior versions, and listings, of claims in the application.

### **Listing of Claims:**


Claims 1-4 (cancelled).

Please amend the following claims:

Sub B17  
5. (Currently Amended) A pulley unit for use around a shaft having a free end and a base end, the shaft extending that extends in an axial direction from an alternator, the pulley unit when mounted on the shaft having a free end side near the free end of the shaft and a base end side near the base end of the shaft, the pulley unit comprising:

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inner and outer concentric ring bodies that define an annular space there between;  
a one-way clutch, interposed in the annular space between the inner and outer ring bodies, the one-way clutch including;  
a cam face defined on the outer surface of the inner ring body;  
a holder defining a pocket, the holder being positioned on the cam face; and  
a roller with a movable surface and an elastic member positioned in the pocket so that the movable surface is in rolling contact with the inner surface of the outer concentric ring body and the outer surface of the inner concentric ring body, the roller locking the

one-way clutch when the outer concentric ring body is rotated faster than the inner concentric ring body and the roller unlocking the one-way clutch and engaging the elastic member when the outer concentric ring body is rotated slower than the inner concentric ring body; and

 a first rolling bearing provided on the free end side of the pulley next to the one-way clutch in the annular space, near the free end of the shaft; and a second rolling bearing bearings provided on the base end side of the pulley unit next to both sides of the one-way clutch in the annular space so as to restrain axial movement of the one-way clutch, at least one of the rolling bearings, near the base end of the shaft, the first rolling bearing in the form of a cylinder including a movable surface that is in rolling contact with the outer surface of the inner ring body, and the second rolling bearing being in the form of a ball bearing including a movable surface that is in rolling contact with the outer surface of the inner ring body.

6. (Original) The pulley unit of claim 5, wherein the movable surface of the at least one rolling bearing is in rolling contact with the inner surface of the outer concentric ring body.

7. (Original) The pulley unit of claim 6, wherein the number of rolling bearings is two and each of the rolling bearings has a movable surface in rolling contact with the inner surface of the outer ring body and the outer surface of the inner ring body.

8. (Currently Amended) The pulley unit of claim ~~Claim~~ 5, wherein the roller is cylindrically shaped.

9. (Original) The pulley unit of claim 5, wherein the first rolling bearing includes a rolling body in the form of a sphere and the second rolling bearing includes a rolling body in the form of a cylinder.

10. (Currently Amended) A pulley unit for use around a shaft ~~that extends~~ having a free end and a base end, the shaft extending in an axial direction from an alternator, the pulley unit when mounted on the shaft having a free end side near the free end of the shaft and a base end side near the base end of the shaft, the pulley unit comprising:

inner and outer concentric ring bodies that define an annular space there between;

a one-way clutch, interposed in the annular space between the inner and outer ring bodies, the one-way clutch including;

a cam face defined on the outer surface of the inner ring body;

a holder defining a pocket, the holder being positioned on the cam face; and

a roller with a movable surface and an elastic member positioned in the pocket so that the movable surface is in rolling contact with the inner surface of the outer concentric ring body and the outer surface of the inner concentric ring body, the roller locking the one-way clutch when the outer concentric ring body is rotated faster

than the inner concentric ring body and the roller unlocking the one-way clutch and engaging the elastic member when the outer concentric ring body is rotated slower than the inner concentric ring body; and

a first rolling bearing provided on the free a-base end side of the pulley unit next to the one-way clutch in the annular space, near the free end of the shaft; and a second rolling bearing provided on a free-end the base end side of the pulley unit next to the one-way clutch in the annular space near the base end of the shaft, wherein the first rolling bearing including includes a rolling body in the form of a cylinder having a movable surface that is in rolling contact with the outer surface of the inner ring body and in rolling contact with the inner surface of the outer ring body; and the second rolling bearing being in the form of a ball bearing including a movable surface that is in rolling contact with the outer surface of the inner ring body and in rolling contact with the inner surface of the outer ring body.

11. (Original) The pulley unit of claim 10, wherein a point of application of a load of a belt is set as to be biased to the free-end side of the pulley unit.

12. (Original) The pulley unit of claim 10, wherein the at least one rolling bearing is in rolling contact with the inner surface of the outer concentric ring body.

13. (Currently Amended) The pulley unit of claim ~~13~~ 10, wherein the number of rolling bearings is two and each of the rolling bearings has a movable surface in rolling contact with both the inner surface of the outer ring body and the outer surface of the inner ring body.

14. (Currently Amended) The pulley unit of ~~Claim~~ claim 10, wherein the roller is cylindrically shaped.